



| | |
|----------------|---|
| Product model | SD33-HV (Used with CK33H core board) |
| display | 1 * VGA port,1 * HDMI port |
| network | 2* RTL8211F Gigabit network adapter |
| | Support Bluetooth /WIFI module |
| | 1* TF card slot, maximum support 128G |
| deposit | Onboard Everest ES8316 Audio chip, support Line-out,MIC |
| Tone frequency | Mini-PCIE slot, support 3G/4G/5G module (includes USB3.0 signal) |
| Expansion slot | 1* DC9~24V power input interface (24V Max) |
| | 1* HDMI port |
| | 2* RJ45 Gigabit network interface |

| | |
|------------------------------|---|
| I/O ports on the rear panel | 1 * VGA port |
| | 1* Line-out (green) |
| | 1* MICK(red) |
| I/O ports on the front panel | 1* Power switch |
| | 1* Power/hard disk indicator |
| | 1* Burning key |
| | 1* USB2.0 port (top), 1* USB3.0 port (bottom) |
| | 2 * 10pin Phoenix terminal (4 * DO up /4 * DI down /VCC/GND/Power/COM3/COM4), where COM3 and COM4 support RS232 and RS485, which are implemented by jumping caps. |
| | 1* MicroUSB2.0 (OTG) |
| Built-in I/O interface | 1* USB2.0 interface (single-layer seat) |
| | 1* hard drive power port 1*4pin |
| | 1* SATA interface (2.5-inch overhead) |
| | 1* Mini-PCIE port (including USB3.0 port) |
| | The 1* COM1 interface supports RS232 and RS485 and is implemented by jumping caps |
| | The 1* COM2 interface supports RS232 and RS485 and is implemented by jumping caps |
| | 1* USB2.0(external small board implementation) |
| | 1* DC 9~24V power interface 1*4pin |
| DIO | Supports four DI's and four DO's |
| Guard dog | Support hardware reset function (256 level, 0~255 seconds) |
| Operating system | Android 7.1, Android 10, Ubuntu18.04, debian10 (used with CK33H core board) |
| Power supply type | Adopts DC 12V power supply |
| Operating temperature | 0°C to 60°C |
| Storage temperature | -20°C to 70°C |

| | |
|--------------------------|---|
| Working humidity | 5%-95% relative humidity, no condensation |
| Size | 120mm*120mm*1.6mm |
| PCB | 6-layer board |
| Screw hole specification | Ø3.2mm x 4 |



